

Peak District National Park

Forecast valid from 00:00 on Wednesday 24 May 2023 until 23:59 on Thursday 25 May 2023

Forecast Issued on Tuesday 23 May 2023 at 16:17

Confidence: High

Headline for Wednesday 24 May 2023: Some early cloud giving way to sunshine. Staying dry.

Mountain weather hazards on Wednesday 24 May 2023

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

No Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny	Sunny	Sunny	Clear night
Precipitation probability							
00%	<05%	<05%	<05%	00%	00%	00%	00%

Forecast for Wednesday 24 May 2023

Weather: Some patchy cloud thickening during the early hours will give a cloudy start in parts of the west of the range. Any cloud lifting and breaking through the morning however to give a fine afternoon with some strong sunshine. Staying dry throughout but a northerly breeze on the summits giving a cooler feel.

Chance of cloud-free hill tops above 600m: 60% becoming 95% into the afternoon.

Low cloud and visibility: Patchy cloud tending to thicken in the west through the early hours, with bases generally above 600-700m, giving some poor visibility in cloud across the higher tops in places. Cloud lifting and breaking above the summits through the morning however to give very good visibility to all levels by the afternoon.

Forecast for Wednesday 24 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 W	11/15 W	13/17 W	14/19 NW	13/19 NW	13/19 NW	10/15 NW	9/12 W	5/9 NW
300	7/9 SW	7/10 SW	9/13 NW	11/17 NW	11/17 NW	12/19 NW	9/15 NW	6/10 W	4/6 SW
Valley	3/7 SW	3/9 W	7/14 NW	10/17 NW	10/18 NW	11/19 NW	9/16 NW	4/9 W	2/4 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	7/4	7/3	9/6	12/9	12/10	12/10	10/8	9/8
300	9/8	8/7	9/7	11/9	14/12	15/12	14/12	11/10	10/9
Valley	9/8	8/8	10/8	13/11	16/13	16/14	15/13	11/11	10/9
Freezing Level*	2900m	2200m	1600m	1600m	1600m	1600m	2400m	2800m	2800m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Note the "Feel Like" temperatures above, as temperatures will still feel chilly on the tops in the wind even into the afternoon. Adequate layers advised despite the afternoon sunshine. High afternoon UV levels also mean adequate sun protection is a must, particularly given the cloudier start.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at
14:00 on Tue 23 May 2023

Last 24 hours:
0mm

Last 48 hours:
0mm

Last 72 hours:
0mm

Forecast for Thursday 25 May 2023

Weather: A cloudier day likely but staying fine and dry with some bright spells into the afternoon.

Maximum wind: Northerly to north-easterly 10 mph gusting 15-20 mph.

Chance of cloud-free hill tops above 600m: 60% becoming 95% into the afternoon.

Low cloud and visibility: Once again patchy cloud tending to thicken overnight, with bases generally 500-700m, giving some poor visibility in cloud across the higher tops. Cloud lifting above the summits through the morning to give very good visibility to all levels by the afternoon.

Temperature: **Valleys:** Plus 9 Celsius, rising to Plus 14 Celsius.
At 600m: Plus 10 Celsius, rising to Plus 15 Celsius.
Freezing level: Above summits.